

## IN THE CLAIMS:

Please note that the amended claims are shown below in clean form for clarity. A marked up version of the amendments is attached. Please amend the claims as follows.

✓  
Please cancel claims 2, 20 and 21, without prejudice or disclaimer.

sub C3  
B1  
1. (Two times amended) A method for raising the concentration of a first class of immunoglobulin relative to at least a second class of immunoglobulin in a compartment of a body of a transgenic non-human animal or progeny thereof said method comprising:

providing a cell of a non-human animal with a nucleic acid encoding a protein capable of transporting a member of said first class of immunoglobulin from the cell's basolateral side to the cell's apical side; such that said nucleic acid is integrated into said cell's genome.

B2  
3. (Two times amended) The method according to claim 1, wherein said protein comprises polymeric immunoglobulin receptor or a functional part, derivative and/or analogue thereof.

Please add the following new claims.

B3  
23. (New) The method according to claim 1, wherein said cell comprises a mammary gland cell.

24. (New) The method according to claim 1, wherein said nucleic acid comprises a promoter capable of driving expression of said protein essentially specifically in said cell and/or a functional equivalent of said cell.

25. (New) The method according to claim 1, wherein said cell comprises said protein in an amount that is at least 10-fold higher than an endogenously expressed analogous and/or homologous immunoglobulin transporter protein.